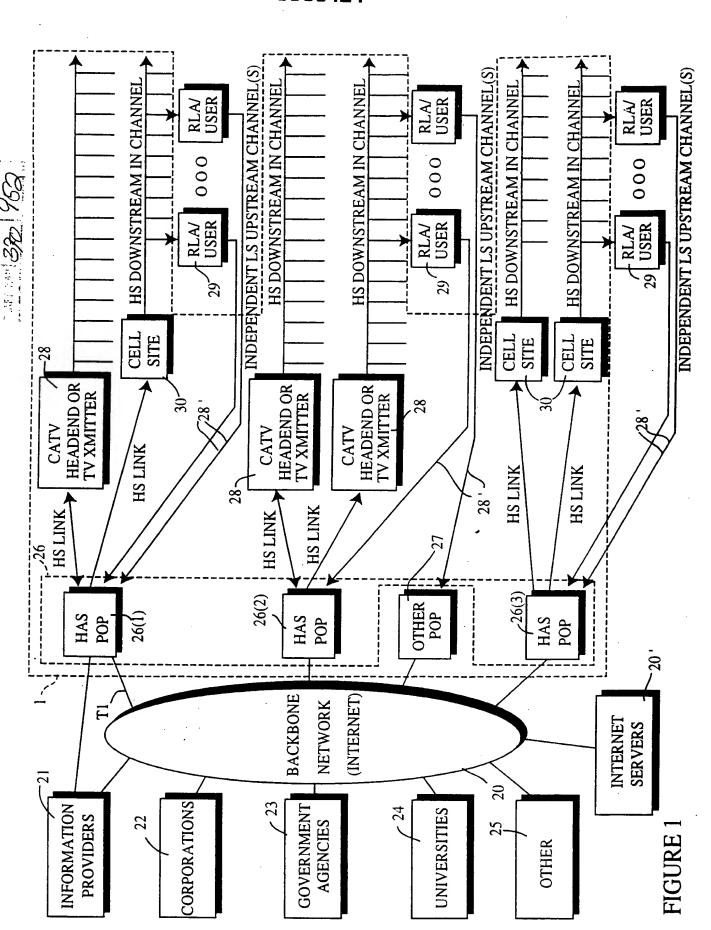
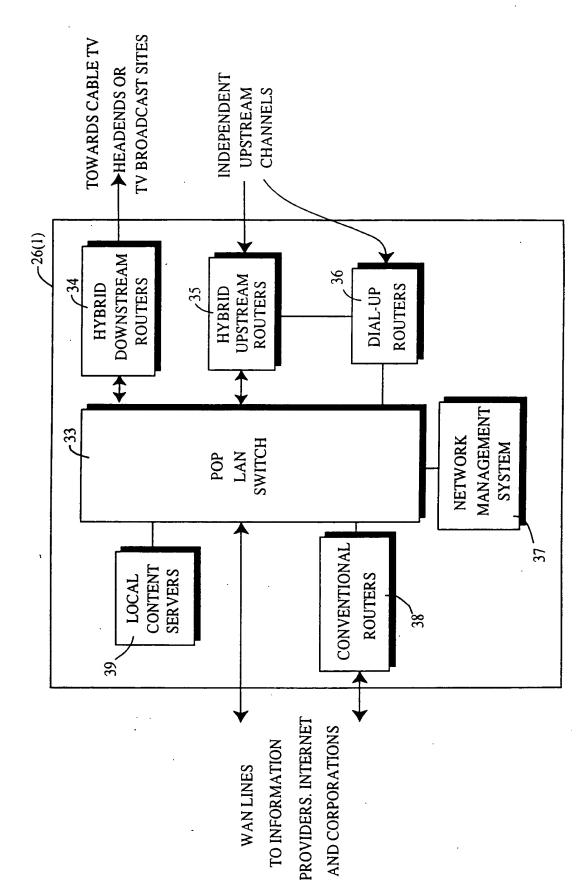
TINATO D





AFFECTO C. F.L.

CLASS SUBSLALA

>-10 CANTIGIDAN

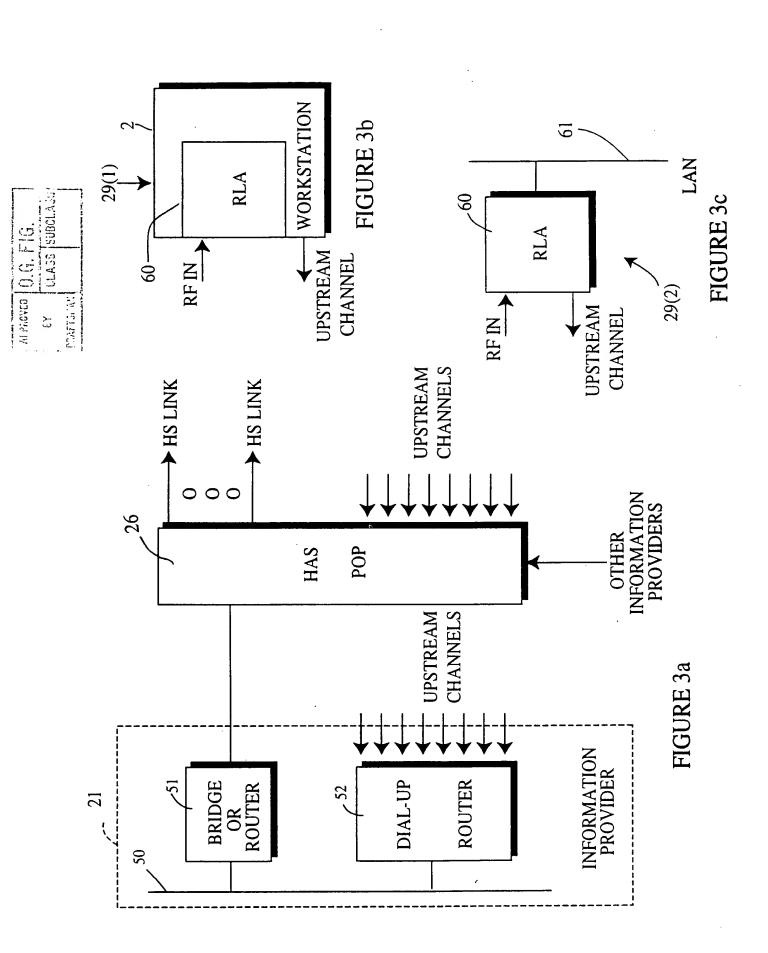
APPROVED 0.G. FIG.

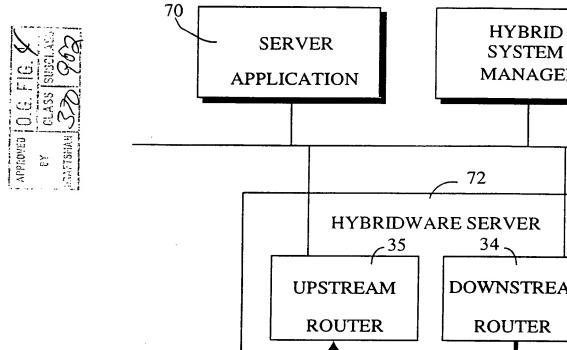
FIGURE 2b

APPROVED O.G. FIG.

TENETHAN

FIGURE 2c





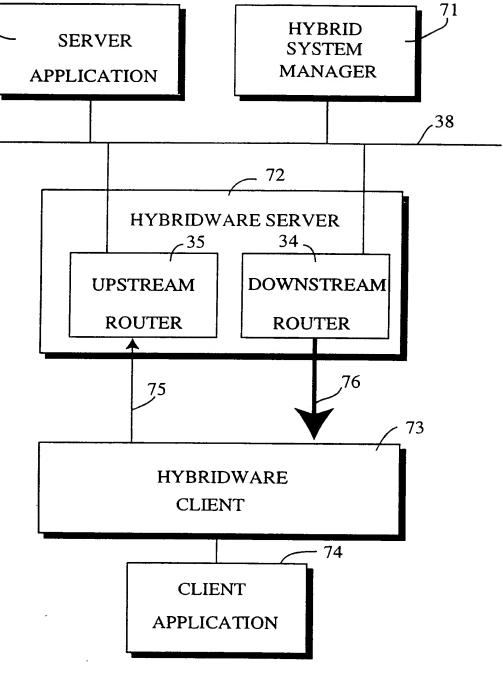
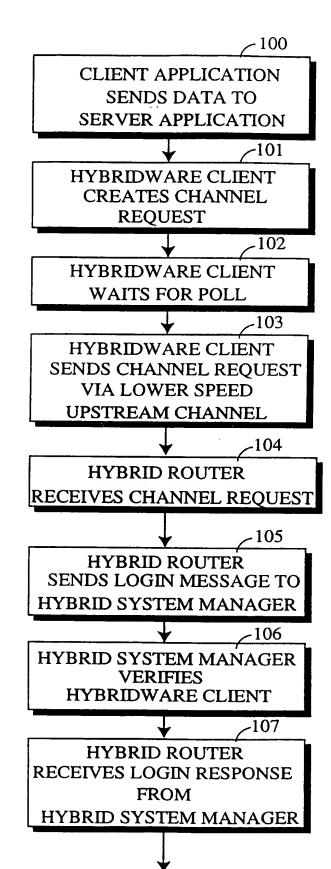


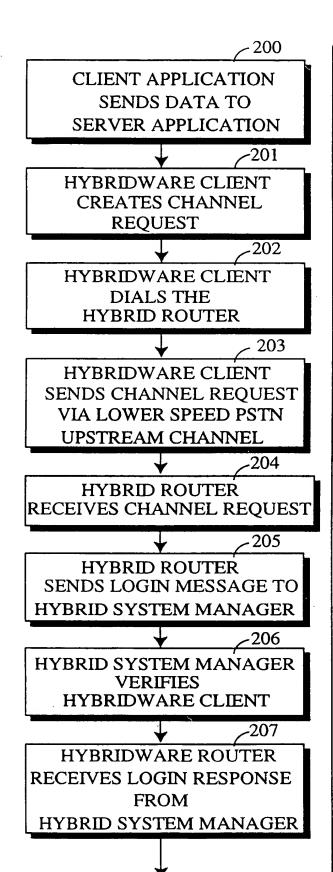
FIGURE 4



<u>}.</u>.

-108 HYBRID ROUTER ALLOCATES UPSTREAM CHANNEL FOR HYBRIDWARE CLIENT -109 HYBRID ROUTER SENDS UPSTREAM CHANNEL ALLOCATION TO HYBRIDWARE CLIENT VIA HIGH SPEED DOWNSTREAM CHANNEL -110 HYBRIDWARE CLIENT RECEIVES UPSTREAM CHANNEL ALLOCATION -111 HYBRIDWARE CLIENT TUNES TO UPSTREAM DATA CHANNEL -112 HYBRIDWARE CLIENT SENDS APPLICATIONS **DATA** 113 CLIENT APPLICATION AND SERVER APPLICATION SEND AND RECEIVE DATA VIA THE **ASYMMETRIC** HYBRID ACCESS SYSTEM

FIGURE 5



7

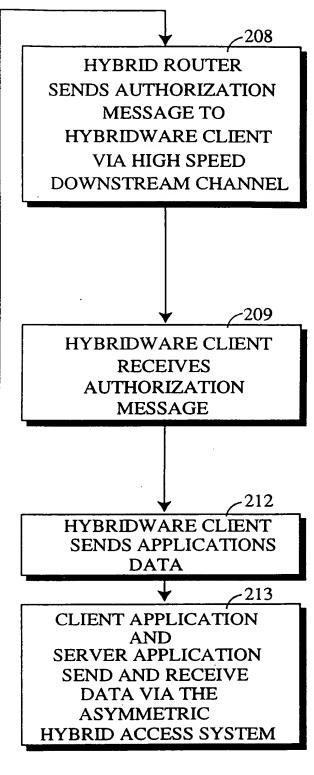
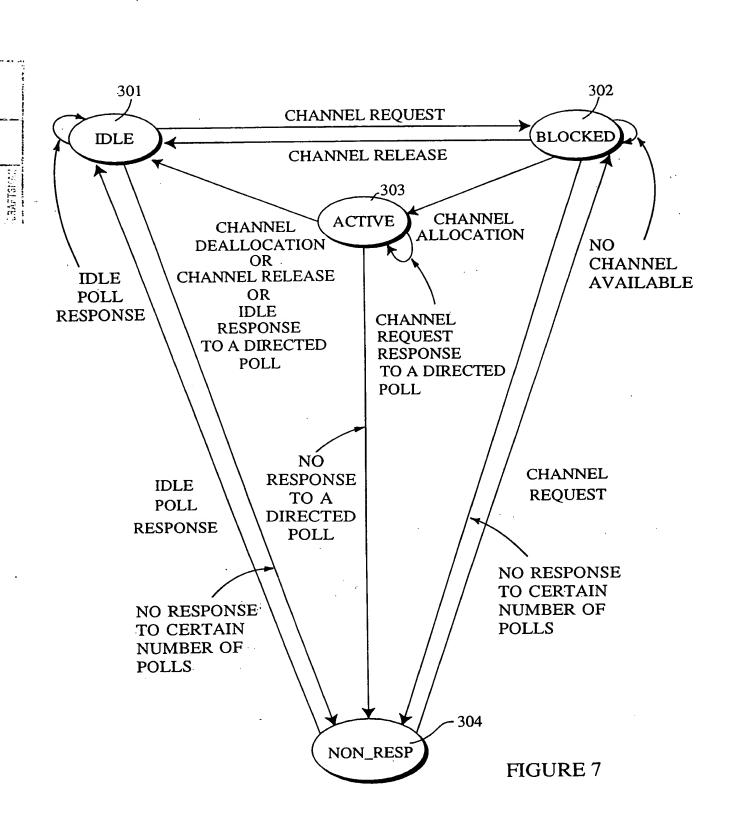


FIGURE 6



| - - | - : : : : : : : : : : : : : : : : : : : | |
|------------------------|---|--|
| G FIG | CLASS SUBCLASS | |
| APPLIENTED OF G. FIRST | <u> </u> 5 | NEW TOTAL STATE OF THE PROPERTY OF THE PROPERT |
| ٦. | | |
| - , | | |

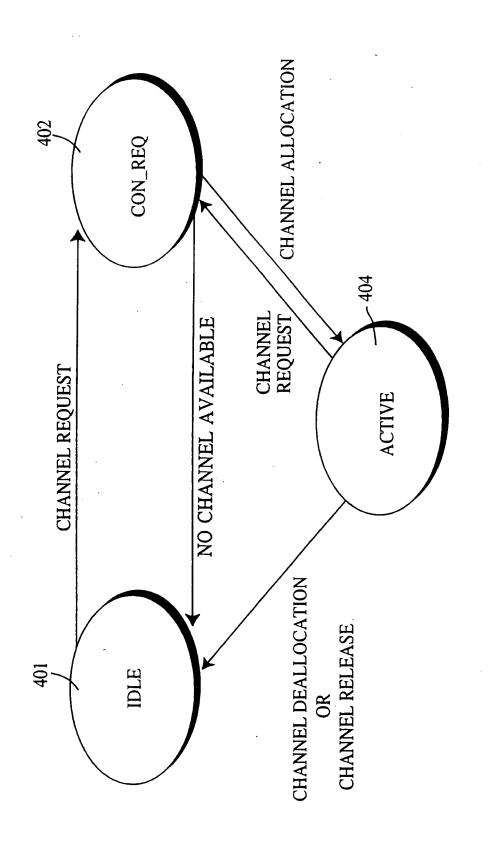
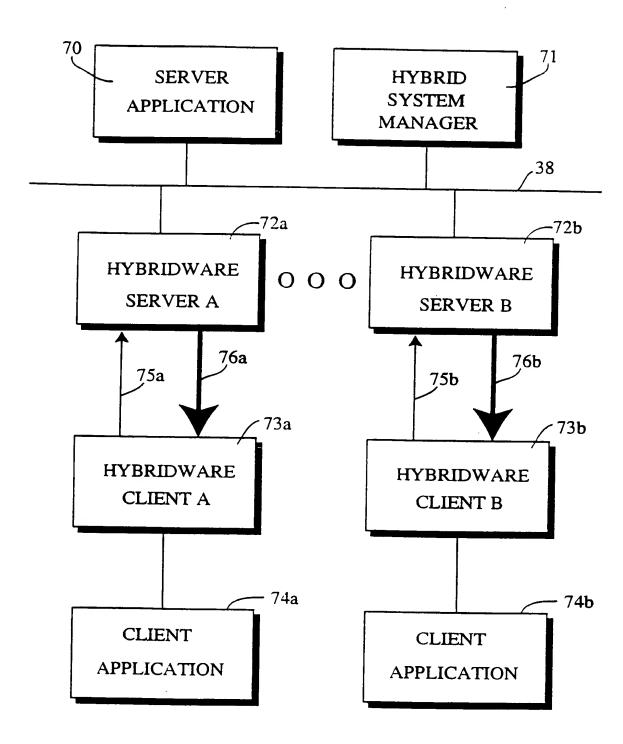
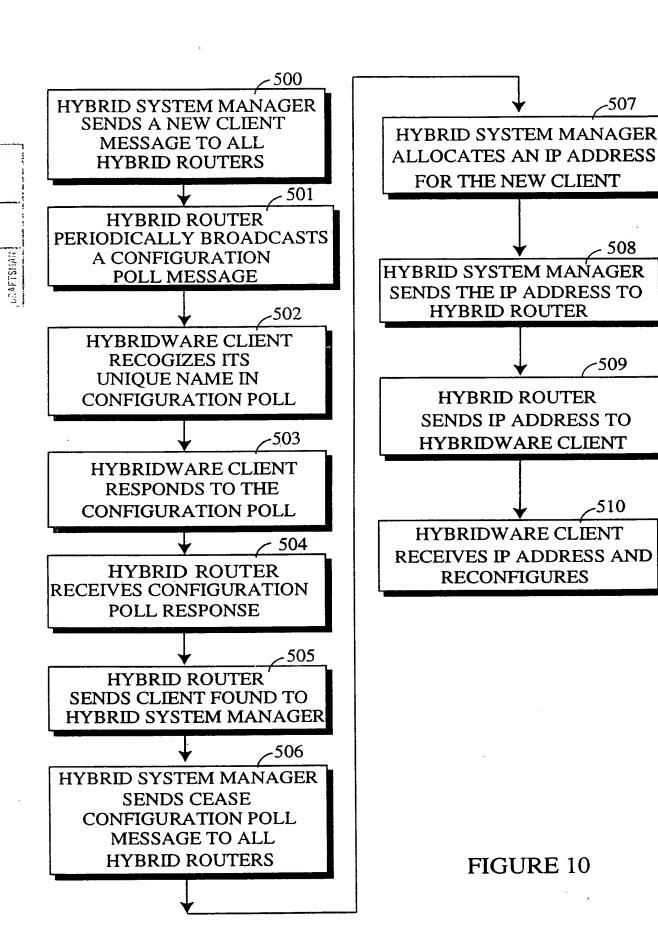


FIGURE 8



SY CLASS SUBCLASS

FIGURE 9



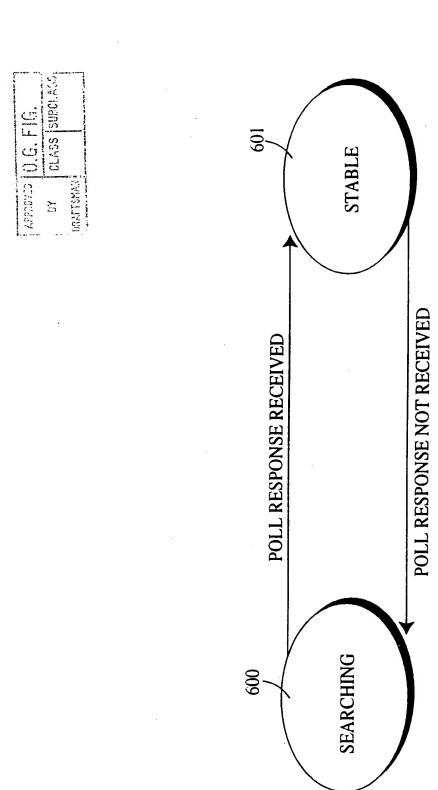
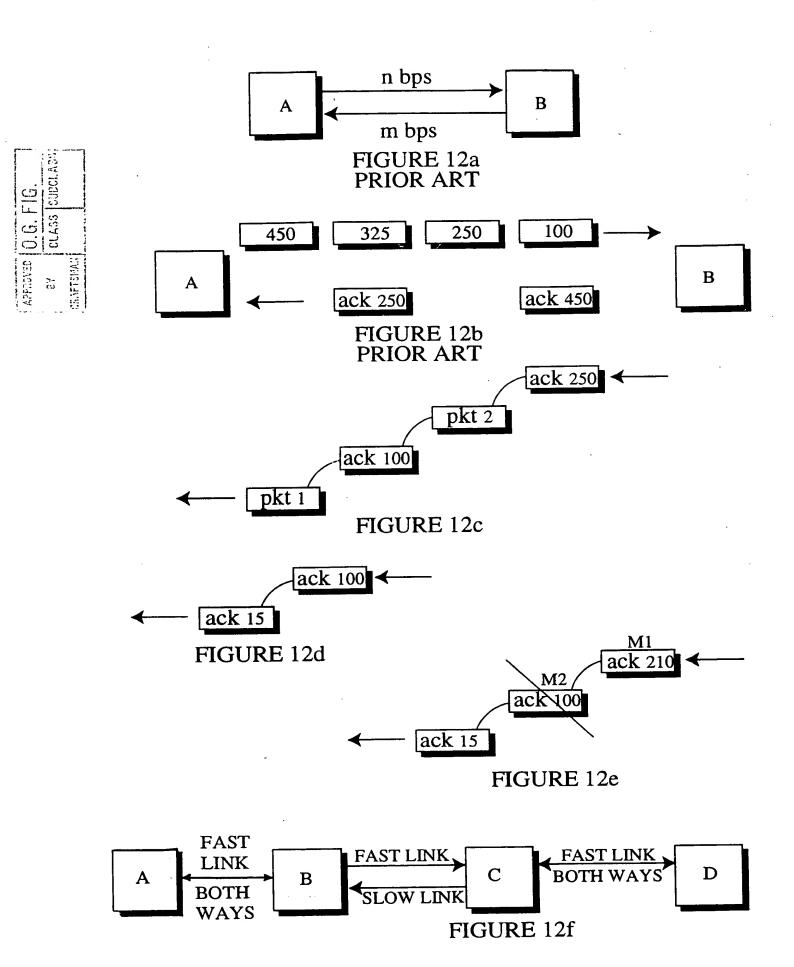
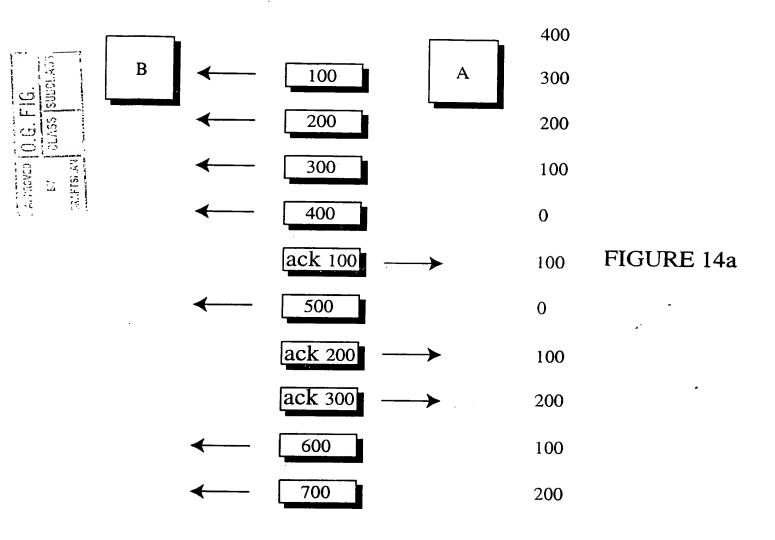
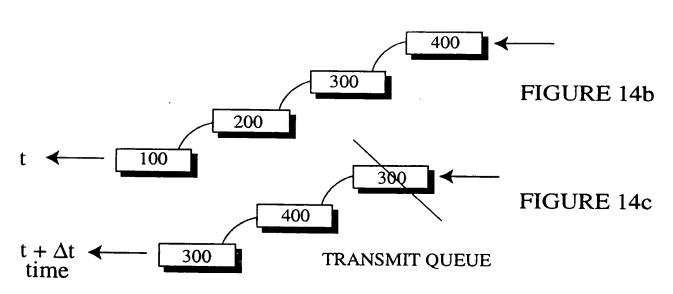


FIGURE 11



CURRENT TRANSMIT AHEAD WINDOW OPENING FOR A

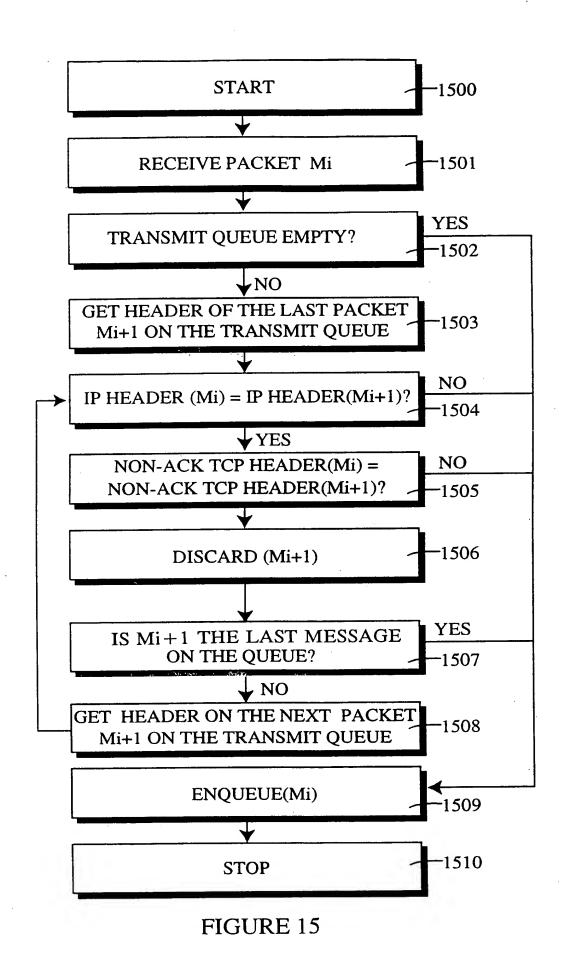


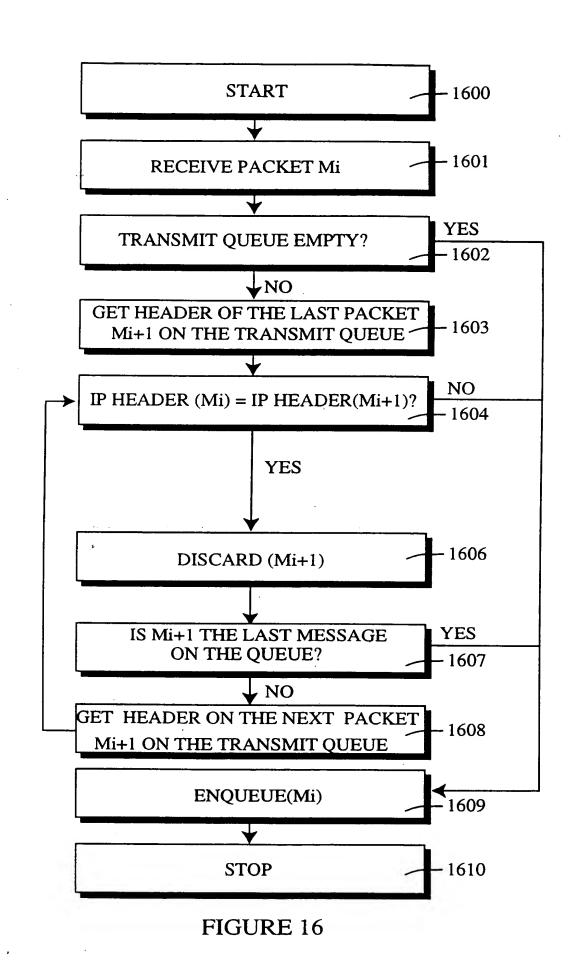


APPACY L. O.G. F.IG.

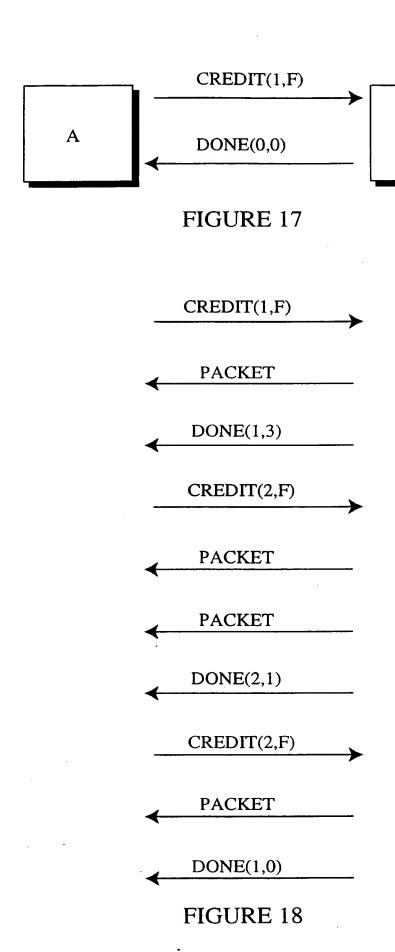
| • | ← | | | IP HEADER | | > | ← | | | TCP HEADER | | |
|--|--------------------|--------------|-------------------------|----------------|---------------------|-----------------------------|------------------|-----------------|------------------------|----------------------------|----------------|-----------------------------|
| 32 BITS ———————————————————————————————————— | TOTAL LENGTH | D M F F F | DIAGRAM HEADER CHECKSUM | SOURCE ADDRESS | DESTINATION ADDRESS | OPTIONS (0 OR MORE 32 BITS) | DESTINATION PORT | SEQUENCE NUMBER | ACKNOWLEDGEMENT NUMBER | WINDOW | URGENT POINTER | OPTIONS (0 OR MORE 32 BITS) |
| 32 F | TYPE OF SERVICE | 1 NUMBER | PROTOCOL | SOURCE | DESTINATION | OPTIONS (0 OR | PORT | SEQUENCI | ACKNOWLEDGI | uaersf rcosyi gkntnn | SUM | OPTIONS (0 OR |
| + | VERSION IP HDR LEN | DATAGRAM NUM | TIME TO LIVE | | | | SOURCE PORT | | | TCP HDR LEN | CHECKSUM | |

FIGURE 13

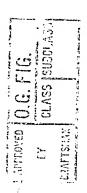








В



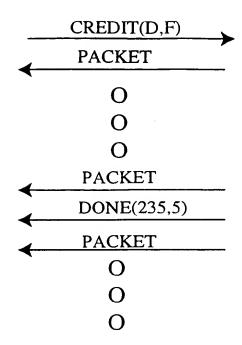


FIGURE 19

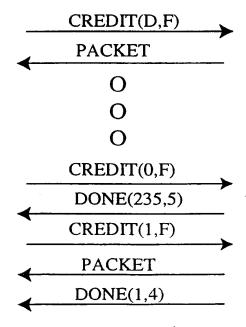


FIGURE 20